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L3: Entry 22 of 25

File: DWPI

Aug 22, 2002

DERWENT-ACC-NO: 2003-118291  
DERWENT-WEEK: 200311  
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TITLE: Method of controlling video signal

INVENTOR: CHO, G M; KIM, H S ; KIM, J H ; NAM, G J N ; OH, E G

PATENT-ASSIGNEE:

ASSIGNEE

CODE

SAMSUNG SDI CO LTD

SMSU

PRIORITY-DATA: 2001KR-0007606 (February 15, 2001)

Search Selected

Search ALL

Clear

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>KR 2002067189 A</u>	August 22, 2002		001	H04N009/73

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
KR2002067189A	February 15, 2001	2001KR-0007606	

INT-CL (IPC): H04 N 9/73

ABSTRACTED-PUB-NO: KR2002067189A

BASIC-ABSTRACT:

NOVELTY - A method of controlling a video signal is provided to maintain uniform color coordinates of lights projected from a screen of a display panel without being affected by external lights.

DETAILED DESCRIPTION - In case that a video signal inputted from a host device to a driver of a display device is controlled, color coordinates of external lights incident on the display panel are obtained. Color coordinates of lights emitted from a white screen of the display panel are calculated using the obtained color coordinates of the external lights. The white display contrast of the video signal is controlled such that the color coordinates of the lights emitted from the white screen become identical to predetermined reference color coordinates.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: METHOD CONTROL VIDEO SIGNAL

DERWENT-CLASS: W03 W04

EPI-CODES: W03-A05C5; W04-P01D1;

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File 331:Derwent WPI First View UD=200547  
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File 344:Chinese Patents Abs Aug 1985-2005/May  
(c) 2005 European Patent Office  
File 345:Inpadoc/Fam.& Legal Stat 1968-2005/UD=200529  
(c) 2005 EPO  
File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)  
(c) 2005 JPO & JAPIO  
File 349:PCT FULLTEXT 1979-2005/UB=20050721,UT=20050714  
(c) 2005 WIPO/Univentio  
File 351:Derwent WPI 1963-2005/UD,UM &UP=200547  
(c) 2005 Thomson Derwent

Set	Items	Description
S1	1	PN=KR2002067189
S2	5695154	CONTROL?
S3	613603	VIDEO OR VIDEO() SIGNAL?
S4	3181	COLOR(5N) COORDINATE??
S5	18363	EXTERNAL(5N) LIGHT??
S6	2	(PREDETERMINED(3N) REFERENCE) (3N) S4
S7	70496	S2(10N) S3
S8	8	S7(10N) S4
S9	1	S8(10N) S5
S10	1	S6 NOT S9
S11	7	S8 NOT (S9 OR S10)
S12	71	CALCULAT?(10N) S5
S13	1	S4(3N) S12
S14	0	S13 NOT (S9 OR S10 OR S11)

9/3,K/1 (Item 1 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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015057775 \*\*Image available\*\*  
WPI Acc No: 2003-118291/200311

**Method of controlling video signal**

Patent Assignee: SAMSUNG SDI CO LTD (SMSU )  
Inventor: CHO G M; KIM H S; KIM J H; NAM G J N; OH E G  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002067189	A	20020822	KR 20017606	A	20010215	200311 B

Priority Applications (No Type Date): KR 20017606 A 20010215

**Patent Details:**

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002067189	A	1	H04N-009/73	

**Abstract (Basic):**

... lights emitted from a white screen of the display panel are calculated using the obtained **color coordinates** of the **external lights**. The white display contrast of the **video signal** is **controlled** such that the **color coordinates** of the lights emitted from the white screen become identical to predetermined reference color coordinates...

10/3,K/1 (Item 1 from file: 351)  
DIALOG(R)File 351:Derwent WPI  
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014443933 \*\*Image available\*\*  
WPI Acc No: 2002-264636/200231  
XRPX Acc No: N02-205846

Recorded medium storing profile generation program, utilizes generation  
function to generate profile based on reference color coordinate data and  
input image data

Patent Assignee: SEIKO EPSON CORP (SHIH )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002064721	A	20020228	JP 2000250155	A	20000821	200231 B

Priority Applications (No Type Date): JP 2000250155 A 20000821

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002064721	A		16	H04N-001/60	

Abstract (Basic):

... Coordinate data related to a reference color in  
predetermined color space and image data, are acquired. A profile  
generation technique is used to generate

11/3,K/1 (Item 1 from file: 331)  
DIALOG(R)File 331:Derwent WPI First View UD=200547  
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0002996997

**The pattern display device in a pachinko machine**

Patent Assignee: DAIICHI SHOKAI KK, (DAII-N), JP  
Inventor: ICHIHARA S; HORII W; INOUE H  
Inventor Name & Address: Ichihara Shigeru, , JP; Horii Wataru, , JP; Inoue Hiroki, , JP

Patent No	Kind	Date	Applicat No	Kind	Date	Update
JP 2005185848	A	20050714	JP 200516124	A	20050124	200546 B
			JP 93236716	A	19930326	
		Priority:	JP 93236716	A	19930326	
			JP 200516124	A	20050124	

**Filing Details:**

Patent No	Kind	Lan	Pg	Filing Notes
JP 2005185848	A	JPN	30	Div ex Application JP 93236716

... ALERTING ABSTRACT - a pachinko machine main body, combining and editing ROM data and making it store in **video** RAMA display **control** means to set the **coordinate** position in the **color** -liquid-crystal display-section top of each display unit of RAM data, size, and the...

11/3,K/2 (Item 2 from file: 331)  
DIALOG(R)File 331:Derwent WPI First View UD=200547  
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0002996996

**The pattern display device in a pachinko machine**

Patent Assignee: DAIICHI SHOKAI KK, (DAII-N), JP  
Inventor: ICHIHARA S; HORII W; INOUE H  
Inventor Name & Address: Ichihara Shigeru, , JP; Horii Wataru, , JP; Inoue Hiroki, , JP

Patent No	Kind	Date	Applicat No	Kind	Date	Update
JP 2005185847	A	20050714	JP 200516123	A	20050124	200546 B
			JP 93236716	A	19930326	
		Priority:	JP 93236716	A	19930326	
			JP 200516123	A	20050124	

**Filing Details:**

Patent No	Kind	Lan	Pg	Filing Notes
JP 2005185847	A	JPN	30	Div ex Application JP 93236716

... Character ROM for storing the character data which encoded the pattern display element, and **video** RAM which temporarily stores predetermined graphic data,A display **control** means to set the **coordinate** position in said **color** -liquid-crystal display-section top of each display unit of said RAM data, size, and...

... ALERTING ABSTRACT - a pachinko machine main body, combining and editing ROM data and making it store in **video** RAMA display **control** means to set the **coordinate** position in the **color** -liquid-crystal display-section top of each display unit of RAM data, size, and the...

11/3,K/3 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01149907      \*\*Image available\*\*

**WHITE POINT SETTING**

**REGLAGE DU POINT BLANC**

Patent Applicant/Assignee:

KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA  
Eindhoven, NL, NL (Residence), NL (Nationality), (For all designated  
states except: US)

Patent Applicant/Inventor:

KOVACEVIC Vedran, c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL, NL  
(Residence), BA (Nationality), (Designated only for: US)

Legal Representative:

GROENENDAAL Antonius W M (agent), Prof. Holstlaan 6, NL-5656 AA Eindhoven  
, NL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200473316 A1 20040826 (WO 0473316)

Application: WO 2004IB50073 20040204 (PCT/WO IB04050073)

Priority Application: EP 2003100359 20030217

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8713

Fulltext Availability:

Detailed Description

Detailed Description

...  $dV = (Jr2/Jr1) "Y (Gr I dV)$

wherein Jr1 is a first reference chromaticity **coordinate** for a primary  
**color** R, G, B corresponding to the **control** electrode of the display  
device 8 which receives the **video** drive signal Ro, Go, Bo, and  
corresponding to the first reference white point RW1, Jr2...

11/3,K/4      (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00985928

**METHOD FOR INDEPENDENTLY CONTROLLING HUE OR SATURATION OF INDIVIDUAL COLORS  
IN A REAL TIME DIGITAL VIDEO IMAGE**

**PROCEDE POUR REGULER DE FACON INDEPENDANTE LA TEINTE ET LA SATURATION DES  
COULEURS INDIVIDUELLES DANS UNE IMAGE VIDEO NUMERIQUE EN TEMPS REEL**

Patent Applicant/Assignee:

OPLUS TECHNOLOGIES LTD, P.O. Box 263, 20692 Yokne'am, IL, IL (Residence),  
IL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

SEGMAN Yosef, 23 Hamada Street, 30900 Zichrov Yaakov, IL, IL (Residence),  
IL (Nationality), (Designated only for: US)

Legal Representative:

FRIEDMAN Mark M (agent), Beit Samueloff, Haomanim Str. 7, 67897 Tel Aviv,  
IL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200315391 A2-A3 20030220 (WO 0315391)  
Application: WO 2002IL641 20020806 (PCT/WO IL0200641)  
Priority Application: US 2001922164 20010806

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17574

Fulltext Availability:

Detailed Description

Detailed Description

... color components, characterized in a particular color space, for  
example, RGB color space, featuring a **color** based three-dimensional  
**coordinate** system, within the real time digital - **video** input image, 1.  
Additionally, the independent color saturation **control** delta value,  
Sclr, used in the method. of the present invention, is herein defined to  
...

11/3,K/5 (Item 1 from file: 351)

DIALOG(R)File 351:Derwent WPI

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017137944 \*\*Image available\*\*

WPI Acc No: 2005-462289/200547

Related WPI Acc No: 2004-537196; 2005-175901

XRPX Acc No: N05-375594

**Pachinko machine has display controller which displays image by  
scanning graphic data stored in video RAM to predetermined coordinate  
position of color LCD at set time**

Patent Assignee: DAIICHI SHOKAI KK (DAII-N)

Inventor: HORII W; ICHIHARA S; INOUE H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2005169142	A	20050630	JP 9391915	A	19930329	200547 B
			JP 2004236725	A	20040302	
			JP 200516158	A	20050124	

Priority Applications (No Type Date): JP 200516158 A 20050124; JP 9391915 A  
19930329; JP 2004236725 A 20040302

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2005169142	A	45	A63F-007/02	Div ex application JP 9391915 Div ex application JP 2004236725



**Pachinko machine has display controller which displays image by scanning graphic data stored in video RAM to predetermined coordinate position of color LCD at set time**

Abstract (Basic):

... RAM (4) temporarily store the graphic data comprising the character output from MPU. A display controller (5) displays image by scanning the graphic data stored in video RAM to predetermined coordinate position of color LCD (7) at set time.

**11/3,K/6 (Item 2 from file: 351)**

DIALOG(R)File 351:Derwent WPI

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016851619 \*\*Image available\*\*

WPI Acc No: 2005-175901/200519

Related WPI Acc No: 2004-537196; 2005-462289

XRPX Acc No: N05-146481

**Pachinko machine has image controller that displays image by scanning display graphic data stored in video RAM to specific coordinate position of color liquid crystal display in predetermined time**

Patent Assignee: DAIICHI SHOKAI KK (DAII-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2005046636	A	20050224	JP 200458220	A	19930329	200519 B
			JP 2004236725	A	20040816	

Priority Applications (No Type Date): JP 200458220 A 19930329; JP 2004236725 A 20040816

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2005046636	A	46	A63F-007/02	Div ex application JP 200458220

**Pachinko machine has image controller that displays image by scanning display graphic data stored in video RAM to specific coordinate position of color liquid crystal display in predetermined time**

**11/3,K/7 (Item 3 from file: 351)**

DIALOG(R)File 351:Derwent WPI

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016379289 \*\*Image available\*\*

WPI Acc No: 2004-537196/200452

Related WPI Acc No: 2005-175901; 2005-462289

XRPX Acc No: N04-425698

**Pachinko machine displays video by scanning stored graphic data, at predetermined coordinate position of color LCD unit in specific time according to display pattern designation data output**

Patent Assignee: DAIICHI SHOKAI KK (DAII-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004195249	A	20040715	JP 9391915	A	19930329	200452 B
			JP 200458220	A	20040302	

Priority Applications (No Type Date): JP 9391915 A 19930329; JP 200458220 A

File 331:Derwent WPI First View      UD=200547  
           (c) 2005 Thomson Derwent  
 File 344:Chinese Patents Abs Aug 1985-2005/May  
           (c) 2005 European Patent Office  
 File 345:Inpadoc/Fam.& Legal Stat 1968-2005/UD=200529  
           (c) 2005 EPO  
 File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)  
           (c) 2005 JPO & JAPIO  
 File 349:PCT FULLTEXT 1979-2005/UB=20050721,UT=20050714  
           (c) 2005 WIPO/Univentio  
 File 351:Derwent WPI 1963-2005/UD,UM &UP=200547  
           (c) 2005 Thomson Derwent  
 Set       Items    Description  
 S1           1    PN=KR2002067189

20040302

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2004195249	A			46 A63F-007/02	Div ex application JP 9391915

Abstract (Basic):

... display graphic data which performs combination edit of pattern data stored in ROM (3). A **controller** (5) displays **video** by scanning stored graphic data, at predetermined **coordinate** position of **color** LCD unit (7) in specific time according to output of controller (9).

T/19,K/

>>>Format 19 is not valid in file 344

1/19,K/1 (Item 1 from file: 351)

DIALOG(R)File 351:Derwent WPI

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015057775 \*\*Image available\*\*

WPI Acc No: 2003-118291/200311

**Method of controlling video signal**

Patent Assignee: SAMSUNG SDI CO LTD (SMSU )

Inventor: CHO G M; KIM H S; KIM J H; NAM G J N; OH E G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002067189	A	20020822	KR 20017606	A	20010215	200311 B

Priority Applications (No Type Date): KR 20017606 A 20010215

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002067189	A		1 H04N-009/73	

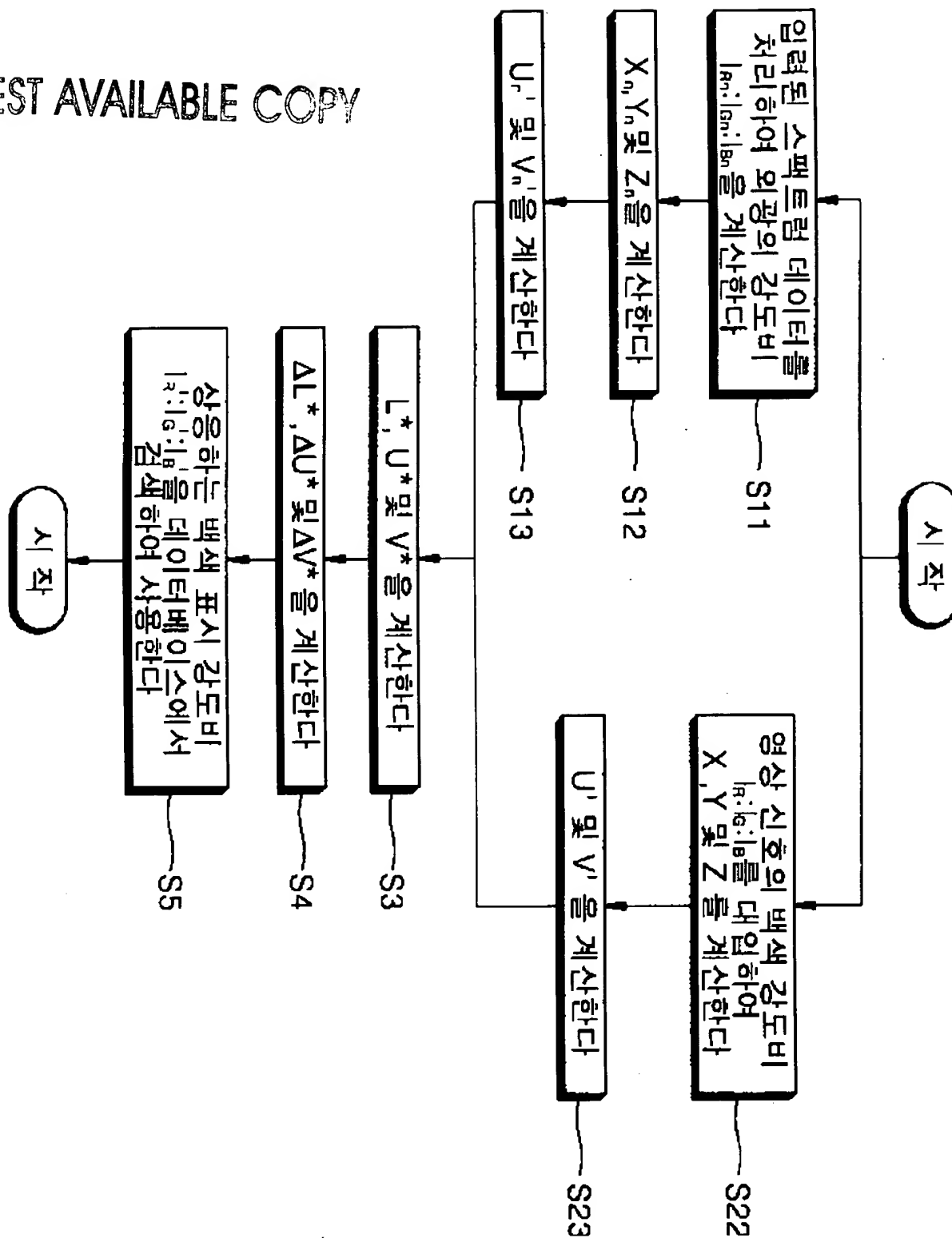
Abstract (Basic): KR 2002067189 A

NOVELTY - A method of controlling a video signal is provided to maintain uniform color coordinates of lights projected from a screen of a display panel without being affected by external lights.

DETAILED DESCRIPTION - In case that a video signal inputted from a host device to a driver of a display device is controlled, color coordinates of external lights incident on the display panel are obtained. Color coordinates of lights emitted from a white screen of the display panel are calculated using the obtained color coordinates of the external lights. The white display contrast of the video signal is controlled such that the color coordinates of the lights emitted from the white screen become identical to predetermined reference color coordinates.

pp; 1 DwgNo 1/10

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Title Terms: METHOD; CONTROL; VIDEO; SIGNAL

Derwent Class: W03; W04

International Patent Class (Main): H04N-009/73

File Segment: EPI

Manual Codes (EPI/S-X): W03-A05C5; W04-P01D1

?